

INTERNATIONAL STANDARD

IEC 60335-2-6

1997

AMENDMENT 1
2000-02

Amendment 1

**Safety of household and similar
electrical appliances –**

**Part 2-6:
Particular requirements for stationary cooking
ranges, hobs, ovens and similar appliances**

Amendement 1

*Sécurité des appareils électrodomestiques
et analogues –*

*Partie 2-6:
Règles particulières pour les cuisinières, les tables de cuisson,
les fours et appareils fixes analogues*

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International Electrotechnical Commission
Telefax: +41 22 919 0300

3, rue de Varembeé Geneva, Switzerland
e-mail: inmail@iec.ch

IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

D

For price, see current catalogue

FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this amendment is based on the following documents:

FDIS	Report on voting
61/1750/FDIS	61/1775/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

A bilingual version of this amendment may be issued at a later date.

7 Marking and instructions

Add the following new subclauses:

7.6 Addition:

 on/off (push-push)

7.10 Addition:

The **off position** of **touch controls** for hobs shall be marked by the symbol O and the on position by the symbol I. If there is no **touch control** for the **hob**, this requirement applies to the **touch controls** for each **hob element**.

NOTE If the same **touch control** is used for switching on and off, symbol 5010 of IEC 60417-1 may be used.

7.12 Add the following new sentence:

The instructions for cooking ranges, hobs and ovens shall state that a steam cleaner is not to be used.

11 Heating

11.1 Replace the existing text by the following:

Addition:

Compliance is also checked by the tests of 11.101 and 11.102.

11.7.7 Replace the existing text by the following:

If the appliance incorporates a socket-outlet, an appropriate plug listed in IEC 60083 is engaged. The plug is connected to a 1 kW resistive load by means of an ordinary polyvinyl chloride sheathed flexible cord (code designation 60337 IEC 53) having a cross-sectional area of 0,75 mm². The temperature rise of the plug is determined during the last 30 min of the test.

11.8 Replace the last paragraph by the following:

The temperature rise of the plug, measured 2 mm below the surface at the centre of the engagement face, shall not exceed 45 K.

Delete notes 1 and 2.

15 Moisture resistance

15.2 Add the following new text:

For **hobs** having ventilating openings in the **hob surface**, 0,2 l of the saline solution is poured steadily through a funnel onto the ventilating openings. The funnel, which has an outlet diameter of 8 mm, is positioned vertically with the outlet 200 mm above the **hob surface**. The funnel is positioned above the ventilating openings so that the solution enters the appliance in the most unfavourable way.

NOTE 2 For protected openings, the funnel is positioned so that the solution falls on the **hob surface** as close as possible to the opening.

NOTE 3 Care is to be taken to ensure that the saline solution is not poured over controls located close to ventilating openings.

19 Abnormal operation

19.2 Add the following new text:

Doors of separate grill compartments incorporated in a range are open or closed, whichever is more unfavourable.

Add the following new subclause:

19.11.2 Addition:

During the simulation of the fault conditions, it shall be possible to switch off any energized **hob element**.

The fault conditions are also simulated with all **hob elements** switched off, the appliance being supplied at **rated voltage**. If a **pan detector** is incorporated, a suitable vessel is placed on the **cooking zone**.

The **hob elements** shall not become energized.

22 Construction

22.112 Add the following new text:

*During the test, it shall be possible to switch off the energized **hob element** by operating the **touch controls**, unless it switches off automatically.*

22.113 Replace the existing text by the following:

***Hobs having touch controls** shall require at least two manual operations to switch on a **hob element**. However, additional **hob elements** may then be switched on by a single manual operation. In this case, 1 min after all the **hob elements** have been switched off, two manual operations are required to re-energize one **hob element**.*

NOTE Touching the contact surface at the same point twice is not considered to be two operations.

Hobs having touch controls shall incorporate visual means to indicate when each **hob element** is energized. They shall require only one manual operation to switch off a **hob element**.

Compliance is checked by inspection and by manual test.

24 Components

24.1.3 Add the following new note:

NOTE This does not apply to switches having only one closed position.

Annex A

Normative references

Add the following standard:

IEC 60417-1:1998, *Graphical symbols for use on equipment – Part 1: Overview and application*
